federal register

Monday
May 21, 1979

Part II

Department of the Interior

Fish and Wildlife Service

Endangered and Threatened Wildlife and Plants

Notice of Status Review for Wildlife Classified as Endangered or Threatened Prior to 1975

DEPARTMENT OF THE INTERIOR

Fish and Wildlife Service

[50 CFR Part 17]

Endangered and Threatened Wildlife and Plants; Notice of Status Review for Wildlife Classified as Endangered or Threatened Prior to 1975

AGENCY: Fish and Wildlife Service, Interior.

ACTION: Notice of Status Review.

SUMMARY: Section 4(c)(4) of the Endangered Species Act of 1973, as amended, requires the Service to conduct a status review of all species listed at least once every five years. The purpose of this section is to insure that the listing accurately reflects the most current status of the listed species. In order to aid the Service in discharging this responsibility, the Director is requesting comments and appropriate data from any party which could potentially alter the status for the selected species of endangered or threatened wildlife listed below. If as a result of this review, the present classification of endangered or threatened does not comport with current evidence, the Secretary is authorized to change such classification accordingly.

DATES: Comments must be received no later than August 20, 1979.

ADDRESSES: Submit comments to Director (OES), Fish and Wildlife Service, U.S. Department of the Interior, Washington, D.C. 20240. Comments and materials received will be available for public inspection during normal business hours (7:45 a.m. to 4:15 p.m.) at the Service's Office of Endangered Species, Suite 500, 1000 North Glebe Road, Arlington, Virginia.

FOR FURTHER INFORMATION CONTACT: Mr. John L. Spinks, Jr., Chief, Office of Endangered Species, Fish and Wildlife Service, U.S. Department of the Interior, Washington, D.C. 20240 (Phone 703/235-2771).

SUPPLEMENTARY INFORMATION:

Background: The Lists of Endangered and Threatened Wildlife and Plants are found in 50 CFR 17.11 (wildlife) and 50 CFR 17.12 (plants). The most recent such lists were published in the **Federal Register** of January 17, 1979 (44 FR 3636-3654). The Endangered Species Act of 1973, as amended, requires the Service to conduct a review of each listed species at least once every five years. Species which are to be considered under the present review are listed below. Species listed before 1975 which subsequently have been affected by rules reclassifying all or significant parts of their populations are not included in this notice. Most of the species to be reviewed under this notice had been classified as endangered under previous legislation and were included in the present lists under the provisions of section 4(c)(3) of the Act.

Definitions: The following definitions are provided to assist those persons who contemplate submitting information regarding the status of the species listed below:

(1) "Critical Habitat" means the specific areas within the geographical area occupied by an endangered or threatened species on which are found those physical features (a) essential to its conservation, and (b) which may require special management considerations or protection, as well as specific areas outside the geographical area occupied by the species that the Secretary of the Interior determines are essential for its conservation. These areas exclude existing man-made structures or settlements not essential to the normal needs or survival of the listed species.

The defined area of land, water, and airspace stated for each zone or area of critical habitat will, by necessity, include some areas that are not essential to the survival and conservation of the species. The biological or physical constitutent elements *within* the defined area of critical habitat determine the specific sites or habitats that are essential to the species. Examples of such features are as follows: roost site, nesting site, feeding site, seasonal wetland or dryland, water quality or quantity, host animal or plant, pollinator, tide, geologic formation, and specific soil type.

The Director considers the physiological, behavioral, ecological, and evolutionary requirements for the survival and recovery of listed species in determining what areas or parts of habitat are critical. These requirements include, but are not limited to:

(a) Space for individual and population growth and for normal behavior;

(b) Food, water, air, light, minerals, or other nutritional or physiological requirements;

(c) Cover or shelter;

(d) Sites for breeding, reproduction, rearing of offspring, germination, or seed dispersal; and, generally,

(e) Habitats that are protected from disturbances or are representative of the geographical distributions of the listed species.

(2) "Endangered" means any species which is in danger of extinction throughout all or a significant portion of its range.

(3) "Species" includes any biological species, or subspecies, of fish or wildlife or plants, and any distinct population segment of any species or subspecies of a vertebrate which are capable of interbreeding when mature. A species is determined to be endangered or threatened because of any of the following factors:

(a) The present or threatened destruction, modification, or curtailment of its habitat or range;

(b) Overutilization for commercial, sporting, scientific, or educational purposes;

(c) Disease or predation;

(d) The inadequacy of existing regulatory mechanisms, or

(e) Other natural or man-made factors affecting its continued existence.

(4) "Threatened" means any species which is likely to become an endangered species within the foreseeable future throughout all or a significant portion of its range.

Effects of Status Review:

If substantial evidence is already available to the Service or is presented by any party for one or more below listed species, the Director intends to propose new rules that would do any of the following: a) reclassify a species from endangered to threatened, b) reclassify a species from threatened to endangered, or c) remove a species from the List of Endangered or Threatened Wildlife. Distinct geographic populations of vertebrate species as well as subspecies of all wildlife species may be proposed for either separate reclassification to a different status than the presently listed species or removal from the list. If no substantial data is available or presented to suggest a status change for a particular species, then the next formal status review will be announced no later than five years hence.

Once a species has been determined to be threatened or endangered, the Act imposes certain restrictions on activities involving the species. Generally, it is unlawful for a person subject to the jurisdiction of the United States to take an endangered species or to engage in foreign and domestic commerce involving an endangered species or its parts or products, 16 U.S.C. 1538(a)(1); 50 CFR 17.21. The Secretary has discretion in determining whether the taking and commercial restrictions will be made applicable to threatened species, 16 U.S.C. 1533(d). As a general rule, the

taking and commerce restrictions applicable to endangered species are made applicable to threatened species by 50 CFR 17.31. However, the Secretary does promulgate special rules for some species, varying the taking and commerce prohibitions. See, *e.g.*, 50 CFR 17.40(b), Special Rule for Grizzly Bears.

Public comments solicited: The Director requests any comments concerning the status of the below species be sent to him. Comments from the public, other concerned governmental agencies, the scientific community, industry, or any other interested party are hereby solicited. Such comments must be in writing and contain the name, signature, address, telephone number, and the association, institution, or business, if any, of the party. Receipt of all comments will be acknowledged in writing by the Service. If significant data are available, warranting a change in a species' classification under the Act, the Director will propose a rule to modify the present status of the listed species. In order to determine if the comments contain significant data, the Director will consider whether the document:

(1) Clearly indicates the scientific and any common name of the species involved, and, if prudent, the precise area recommended as critical habitat;

(2) Contains a detailed narrative describing, as appropriate, the past and present numbers and distribution of the involved species, subspecies, or distinct vertebrate geographic population; the particular threatening factors affecting the species; and, if appropriate, the features and importance of any critical habitat;

(3) Is accompanied, as appropriate, by supporting documentation, such as maps, a list of bibliographic references, reprints of pertinent publications, or copies of written reports or letters from authorities; and

(4) Does not essentially repeat scientific, commercial, or other relevant information already cited by the Director in an earlier proposal or notice of review.

The primary author of this notice is Jay M. Sheppard, Office of Endangered Species, U.S. Fish and Wildlife Service (Phone: 703/235-1975).

BILLING CODE 4310-55-M

List of Species - 1979 Status Review

SPECIES			RANGE				
Common Name	Scientific Name	Population	Known Distribution	Portion of range where threatened or endangered	Status	When Listed	Special rules
MAMMALS:							
Anoa	Bubalus (Anoa) depressicornis	N/A	Indonesia	Entire	E	3	N/A
Armadillo, pink fairy	Chlamyphorus truncatus	N/A	Argentina	Entire	E	3	N/A
Ass, African wild	Equus asinus	Somalia, Sudan, Ethiopia	Somalia, Sudan, Ethiopia	Entire	E	3	N/A
Ass, Asian wild	Equus hemionus	N/A	Southwestern and Central Asia	Entire	E	3	N/A
Avahis	Avahi spp. (all species)	N/A	Malagasy Republic (Madagascar)	Entire	E	4	N/A
Aye-Aye	Daubentonia madagascariensis	N/A	Malagasy Republic (Madagascar)	Entire	E	3	N/A
Bandicoot, barred	Perameles bougainville	N/A	Australia	Entire	E	4	N/A
Bandicoot, desert	Perameles eremiana	N/A	Australia	Entire	E	6	N/A
Bandicoot, lesser rabbit	Macrotis leucura	N/A	Australia	Entire	E	4	N/A
Bandicoot, pig-footed	Chaeropus ecaudatus	N/A	Australia	Entire	E	4	N/A
Bandicoot, rabbit	Macrotis lagotis	N/A	Australia	Entire	E	4	N/A
Banteng	Bos banteng	N/A	Southeast Asia	Entire	E	4	N/A
Bat, Hawaiian hoary	Lasiurus cinereus semotus	N/A	USA (Hawaii)	Entire	E	2	N/A
Bat, Indiana	Myotis sodalis	N/A	Eastern and Middle-western USA	Entire	E	1	N/A
Bear, Mexican grizzly	Ursus arctos nelsoni	Mexico	Mexico	Entire	E	3	N/A
Bison, wood	Bison bison athabascae	N/A	Canada, western USA	Canada	E	3	N/A
Cat, tiger	Felis tigrina	N/A	Costa Rica to Northern South America	Entire	E	4	N/A
Cheetah	Acinonyx jubatus	N/A	Africa to India	Entire	E	3,5	N/A
Colobus, Zanaibar red	Colobus kirkii	N/A	Tanzania	Entire	E	4	N/A
Cougar, eastern	Felis concolor couguar	N/A	Eastern North America	Entire	E	6	N/A
Deer, Bawean	Axis (Hyelaphus) porcinus kuhli	N/A	Indonesia	Entire	E	3	N/A
Deer, Columbian white-tailed	Odocoileus virginianus leucurus	N/A	USA (Washington, Oregon)	Entire	E	1	N/A
Deer, Eld's brow-antlered	Cervus eldi	N/A	India, Southeast Asia	Entire	E	4	N/A
Deer, key	Odocoileus virginianus clavium	N/A	USA (Florida)	Entire	E	1	N/A
Deer, marsh	Blastocerus dichotomus	N/A	Argentina, Uruguay, Paraguay, Brazil	Entire	E	4	N/A
Deer, McNeill's	Cervus elaphus macneilli	N/A	China	Entire	E	4	N/A
Deer, Persian fallow	Dama dama mesopotamica	N/A	Iraq, Iran	Entire	E	3	N/A
Deer, swamp	Cervus duvauceli	N/A	India, Nepal	Entire	E	4	N/A
Dibbler	Antechinus apicalis	N/A	Australia	Entire	E	4	N/A
Dog, Asiatic wild (Dhole)	Cuon alpinus	N/A	Soviet Union, India	Entire	E	4	N/A
Dugong	Dugong dugon	N/A	East Africa to Ryukyu Islands including USA (Trust territories)	Entire	E	4	N/A
Ferret, black-footed	Mustela nigripes	N/A	USA (Western), Western Canada	Entire	E	1,3	N/A
Forester, Tasmanian (kangaroo)	Macropus giganteus tasmaniensis	N/A	Australia	Entire	E	6	N/A
Fox, Northern swift	Vulpes velox hebes	N/A	USA (Northern Plains), Canada	Canada	E	3	N/A
Fox, San Joaquin kit	Vulpes macrotis mutica	N/A	USA (California)	Entire	E	1	N/A
Gazelle, Clark's (Dibatag)	Ammodorcas clarkei	N/A	Somalia, Ethiopia	Entire	E	3	N/A
Gazelle, Cuvier's	Gazella cuvieri	N/A	Morocco, Tunisia	Entire	E	4	N/A
Gazelle, Mhorr	Gazella dama mhorr	N/A	Morocco	Entire	E	4	N/A
Gazelle, Moroccan (Dorcas)	Gazella dorcas massaesyla	N/A	Morocco, Algeria	Entire	E	4	N/A
Gazelle, Rio de Oro Dama	Gazella dama lozanoi	N/A	Spanish Sahara	Entire	E	4	N/A
Gazelle, slender-horned (Rhim)	Gazella leptoceros	N/A	Sudan, Algeria, Egypt, Libya	Entire	E	4	N/A
Gorilla	Gorilla gorilla	N/A	Central and Western Africa	Entire	E	4	N/A
Hartebeest, Swayne's	Alcelaphus buselaphus swaynei	N/A	Ethiopia	Entire	E	4	N/A
Hog, pygmy	Sus salvanius	N/A	India, Nepal, Bhutan, Sikkim	Entire	E	4	N/A
Hyena, Barbary	Hyaena hyaena barbara	N/A	Morocco	Entire	E	4	N/A
Hyena, brown	Hyaena brunnea	N/A	South Africa	Entire	E	4	N/A

SPECIES			RANGE				
Common Name	Scientific Name	Population	Known Distribution	Portion of range where threatened or endangered	Status	When Listed	Special rules
Ibex, Pyrenean	Capra tyrenaica pyrenaica	N/A	Spain	Entire	E	3	N/A
Ibex, Walia	Capra walie	N/A	Ethiopia	Entire	E	3	N/A
Impala, black-faced	Aepyceros melampus petersi	N/A	Namibia, Angola	Entire	E	4	N/A
Indris	Indris spp. (all species)	N/A	Malagasy Republic (Madagascar), Comoro I. sd.	Entire	E	3,4	N/A
Jaguar	Panthera onca	N/A	U.S. (Southwestern) to South America	Entire, except USA	E	4	N/A
Kangaroo, eastern gray (see also Forester, Tasmanian)	Macropus giganteus (all subspecies except tasmaniensis	N/A N/A	Australia	Entire	T	7	17.40(a)
Kangaroo, red	Megaleia rufa	N/A	Australia	Entire	T	7	17.40(a)
Kangaroo, western gray	Macropus fuliginosus	N/A	Australia	Entire	T	7	17.40(a)
Kouprey	Bos sauveli	N/A	Cambodia	Entire	E	3	N/A
Langur, Douc	Pygathrix nemaeus	N/A	Cambodia, Laos, China, Vietnam	Entire	E	4	N/A
Langur, Pagi Island	Simias concolor	N/A	Indonesia	Entire	E	4	N/A
Leopard	Panthera pardus	N/A	Africa and Asia	Entire	E	3,5	N/A
Leopard, Formosan clouded	Neofelis nebulosa brachyurus	N/A	Taiwan	Entire	E	4	N/A
Leopard, snow	Panthera uncia	N/A	Central Asia	Entire	E	5	N/A
Lion, Asiatic	Panthera leo persica	N/A	India	Entire	E	3	N/A
Lynx, Spanish	Felis (Lynx) lynx pardina (Felis pardina)	N/A	Spain	Entire	E	3	N/A
Macaque, lion-tailed	Macaca silenus	N/A	India	Entire	E	3	N/A
Manatee, Amazonian	Trichechus inunguis	N/A	South America; Amazon River Basin	Entire	E	3	N/A
Manatee, West Indian (Florida)	Trichechus manatus	N/A	USA (Southeastern), Caribbean Ocean, South America	Entire	E	1,3	N/A
Mangabey, Tana River	Cercocebus galeritus	N/A	Kenya	Entire	E	3	N/A
Margay	Felis wiedii	N/A	Central and South America, USA (Texas)	Entire, except USA	E	5	N/A
Marmoset, Goeldi's	Callimico goeldii	N/A	Brazil, Colombia, Ecuador, Peru	Entire	E	4	N/A
Marsupial, eastern jerboa	Antechinomys laniger	N/A	Australia	Entire	E	4	N/A
Marsupial-mouse, large desert	Sminthopsis psammophila	N/A	Australia	Entire	E	4	N/A
Marsupial-mouse, long-tailed	Sminthopsis longicaudata	N/A	Australia	Entire	E	4	N/A
Marten, Formosan yellow-throated	Martes flavigula chrysospila	N/A	Taiwan	Entire	E	4	N/A
Monkey, red-backed squirrel	Saimiri oerstedii (Saimiri sciureus oerstedii)	N/A	Costa Rica, Panama	Entire	E	3	N/A
Monkey, spider	Ateles geoffroyi frontatus	N/A	Costa Rica, Nicaragua	Entire	E	3	N/A
Monkey, spider	Ateles geoffroyi panamensis	N/A	Costa Rica, Panama	Entire	E	3	N/A
Monkey, woolly spider	Brachyteles arachnoides	N/A	Brazil	Entire	E	4	N/A
Mouse, Field's	Pseudomys fieldi	N/A	Australia	Entire	E	4	N/A
Mouse, Gould's	Pseudomys gouldii	N/A	Australia	Entire	E	6	N/A
Mouse, New Holland	Pseudomys novaehollandiae	N/A	Australia	Entire	E	4	N/A
Mouse, salt marsh harvest	Reithrodontomys raviventris	N/A	USA (California)	Entire	E	2	N/A
Mouse, Shark Bay	Pseudomys praeconis	N/A	Australia	Entire	E	4	N/A
Mouse, shortridge's	Pseudomys shortridgei	N/A	Australia	Entire	E	4	N/A
Mouse, Smoky	Pseudomys fumeus	N/A	Australia	Entire	E	4	N/A
Mouse Western	Pseudomys occidentalis	N/A	Australia	Entire	E	4	N/A
Native-cat, Eastern	Dasyurus viverrinus	N/A	Australia	Entire	E	6	N/A
Numbat	Myrmecobius fasciatus	N/A	Australia	Entire	E	6	N/A
Ocelot	Felis pardalis	N/A	Central and South America, USA (AZ,TX)	Entire, except USA	E	5	N/A
Orangutan	Pongo pygmaeus	N/A	Indonesia, Malaysia, Brunei	Entire	E	3	N/A
Oryx, Arabian	Oryx leucoryx	N/A	Arabian Peninsula	Entire	E	3	N/A
Otter, Cameroon clawless	Paraonyx microdon	N/A	Cameroon	Entire	E	4	N/A
Otter, giant	Pteronura brasiliensis	N/A	South America	Entire	E	3	N/A
Otter, La Plata	Lutra platensis	N/A	Uruguay, Argentina, Bolivia, Brazil	Entire	E	4	N/A

SPECIES			RANGE				
Common Name	Scientific Name	Population	Known Distribution	Portion of range where threatened or endangered	Status	When Listed	Special rules
Panther, Florida	Felis concolor coryi	N/A	Florida	Entire	E	1	N/A
Planigale, little	Planigale subtilissima	N/A	Australia	Entire	E	4	N/A
Planigale, Southern	Planigale tenuirostris	N/A	Australia	Entire	E	4	N/A
Porcupine, thin-spined	Chaetomys subspinosus	N/A	Brazil	Entire	E	3	N/A
Possum, mountain pygmy	Burramys parvus	N/A	Australia	Entire	E	4	N/A
Possum, scaly-tailed	Wyulda squamicaudata	N/A	Australia	Entire	E	4	N/A
Prairie Dog, Mexican	Cynomys mexicanus	N/A	Mexico	Entire	E	4	N/A
Prairie Dog, Utah	Cynomys parvidens	N/A	USA (Utah)	Entire	E	6	N/A
Pronghorn, Sonoran	Antilocapra americana sonoriensis	N/A	USA (Arizona), Mexico	Entire	E	1,3	N/A
Quokka	Setonix brachyurus	N/A	Australia	Entire	E	6	N/A
Rabbit, volcano	Romerolagus diazi	N/A	Mexico	Entire	E	4	N/A
Rat, false water	Xeromys myoides	N/A	Australia	Entire	E	4	N/A
Rat, stick-nest	Leporillus conditor	N/A	Australia	Entire	E	6	N/A
Rat, Morro Bay kangaroo	Dipodomys heermanni morroensis	N/A	USA (California)	Entire	E	2	N/A
Rat-kangaroo, brush-tailed	Bettongia penicillata	N/A	Australia	Entire	E	4	N/A
Rat-kangaroo, Gaimard's	Bettongia gaimardi	N/A	Australia	Entire	E	6	N/A
Rat-kangaroo, Lesuer's	Bettongia lesueur	N/A	Australia	Entire	E	4	N/A
Rat-kangaroo, plain	Caloprymnus campestris	N/A	Australia	Entire	E	4	N/A
Rat-kangaroo, Queensland	Bettongia tropica	N/A	Australia	Entire	E	4	N/A
Rhinoceros, great Indian	Rhinoceros unicornis	N/A	India, Nepal	Entire	E	4	N/A
Rhinoceros, Javan	Rhinoceros sondaicus	N/A	Indonesia, Burma, Thailand	Entire	E	3	N/A
Rhinoceros, northern white	Ceratotherium simum cottoni	N/A	Zaire, Uganda, Sudan Central African Republic	Entire	E	4	N/A
Rhinoceros, Sumatran	Didermoceros sumatrensis	N/A	Bangladesh to Vietnam to Indonesia (Borneo)	Entire	E	3	N/A
Saki, white-nosed	Chiropotes albinasus	N/A	Brazil	Entire	E	4	N/A
Seal, Mediterranean monk	Monachus monachus	N/A	Mediterranean, Northwest African Coast and Black Sea	Entire	E	3	N/A
Seledang (Gaur)	Bos gaurus	N/A	India, Southeast Asia, Bangladesh	Entire	E	4	N/A
Serval, Barbary	Felis serval constantina	N/A	Algeria	Entire	E	4	N/A
Shou	Cervus elaphus wallichi	N/A	Tibet, Bhutan	Entire	E	4	N/A
Sitakas	Propithecus spp. (all species)	N/A	Malagasy Republic (Madagascar)	Entire	E	4	N/A
Sloth, Brazilian three-toed	Bradypus torquatus	N/A	Brazil	Entire	E	4	N/A
Solenondon, Cuban	Atopogale cubana	N/A	Cuba	Entire	E	4	N/A
Solenondon, Haitan	Solenodon paradoxus	N/A	Dominican Republic, Haiti	Entire	E	4	N/A
Squirrel, Delmarva Peninsula fox	Sciurus niger cinereus	N/A	USA (Maryland)	Entire	E	1	N/A
Stag, Barbary	Cervus elephus barbarus	N/A	Tunisia, Algeria	Entire	E	3	N/A
Stag, Kashmir	Cervus elephus hanglu	N/A	Kashmir	Entire	E	3	N/A
Tamaraw	Bubalus (Anoa) mindorensis	N/A	Philippines	Entire	E	4	N/A
Tamarin, golden-rumped (golden-headed Tamarin; golden-lion Marmoset)	Leontideus spp. (all species)	N/A	Brazil	Entire	E	3	N/A
Tapir, Brazilian	Tapirus terrestris	N/A	Venezuela, Argentina, Brazil, Colombia	Entire	E	4	N/A
Tapir, Central American	Tapirus bairdii	N/A	Southern Mexico to Colombia and Ecuador	Entire	E	4	N/A
Tapir, mountain	Tapirus pinchaque	N/A	Colombia, Ecuador	Entire	E	4	N/A
Tiger	Panthera tigris	N/A	Temperate & Tropical Asia	Entire	E	3,5	N/A
Tiger, Tasmanian (Thylacine)	Thylacinus cynocephalus	N/A	Australia	Entire	E	3	N/A
Uakari	Cacajao spp. (all species)	N/A	Peru, Colombia, Brazil, Venezuela, Ecuador	Entire	E	3	N/A
Vicuna	Vicugna vicugna	N/A	Peru, Bolivia, Argentina	Entire	E	3	N/A
Wallaby, banded hare	Lagostrophus fasciatus	N/A	Australia	Entire	E	4	N/A

SPECIES			RANGE				
Common Name	Scientific Name	Population	Known Distribution	Portion of range where threatened or endangered	Status	When Listed	Special rules
Wallaby, brindled	Onychogalea frenata	N/A	Australia	Entire	E	4	N/A
Wallaby, crescent nail-tailed	Onychogalea lunata	N/A	Australia	Entire	E	4	N/A
Wallaby, Parma	Macropus parma	N/A	Australia	Entire	E	4	N/A
Wallaby, western hare	Lagorchestes hirsutus	N/A	Australia	Entire	E	4	N/A
Wallaby, yellow-footed rock	Petrogale xanthopus	N/A	Australia	Entire	E	6	N/A
Wolf, maned	Chrysocyon brachyurus	N/A	Argentina, Bolivia, Brazil, Paraguay	Entire	E	4	N/A
Wolf, red	Canis rufus	N/A	Texas, Louisiana	Entire	E	2	N/A
Wombat, Barnard's	Lasiorhinus barnardi	N/A	Australia	Entire	E	4	N/A
Wombat, Queensland hairy-nosed	Lasiorhinus gillespiei	N/A	Australia	Entire	E	6	N/A
Yak, wild	Bos grunniens mutus	N/A	China (Tibet), India	Entire	E	4	N/A
BIRDS:							
Akepa, Hawaii (honeycreeper)	Loxops coccinea coccinea	N/A	USA (Hawaii)	Entire	E	2	N/A
Akepa, Maui (honeycreeper)	Loxops coccinea ochracea	N/A	USA (Hawaii)	Entire	E	2	N/A
Akialoa, Kauai (honeycreeper)	Hemignathus procerus	N/A	USA (Hawaii)	Entire	E	1	N/A
Akiapolaau (honeycreeper)	Hemignathus wilsoni	N/A	USA (Hawaii)	Entire	E	1	N/A
Albatross, short-tailed	Diomedea albatrus	N/A	North Pacific Ocean: Japan, Soviet Union, USA	Entire, except USA	E	3	N/A
Bobwhite, masked (quail)	Colinus virginianus ridgwayi	N/A	USA (Arizona), Mexico (Sonora)	Entire	E	1,3	N/A
Bristlebird, western	Dasyornis brachypterus longirostris	N/A	Australia	Entire	E	4	N/A
Bulbul, Mauritius olivaceous	Hypsipetes borbonicus olivaceus	N/A	Mauritius	Entire	E	3	N/A
Bullfinch, Sao Miguel (finch)	Pyrrhula pyrrhula murina	N/A	Eastern Atlantic Ocean: Azores	Entire	E	3	N/A
Bushwren, New Zealand	Xenicus longipes	N/A	New Zealand	Entire	E	3	N/A
Bustard, great Indian	Choriotis nigriceps	N/A	India, Pakistan	Entire	E	3	N/A
Cahow (Bermuda Petrel)	Pterodroma cahow	N/A	Western Atlantic Ocean: Bermuda	Entire	E	4	N/A
Condor, Andean	Vultur gryphus	N/A	Colombia to Chile and Argentina	Entire	E	4	N/A
Condor, California	Gymnogyps californianus	N/A	USA (OR,CA), Mexico (Baja California)	Entire	E	1	N/A
Coot, Hawaiian	Fulica americana alai	N/A	USA (Hawaii)	Entire	E	2	N/A
Crane, booded	Grus monacha	N/A	Japan, Soviet Union	Entire	E	4	N/A
Crane, Japanese	Grus japonensis	N/A	China, Japan, Korea, Soviet Union	Entire	E	4	N/A
Crane, Mississippi sandhill	Grus canadensis pulla	N/A	USA (Mississippi)	Entire	E	6	N/A
Crane, Siberian white	Grus leucogeranus	N/A	Soviet Union (Siberia) to India	Entire	E	4	N/A
Crane, whooping	Grus americana	N/A	Canada, USA, Mexico	Entire	E	1,3	N/A
Creeper, Molokai (Kakawahie)	Loxops maculata flammea	N/A	USA (Hawaii)	Entire	E	2	N/A
Creeper, Oahu (Alauwahio)	Loxops maculata maculata	N/A	USA (Hawaii)	Entire	E	2	N/A
Crow, Hawaiian (Alala)	Corvus tropicus	N/A	USA (Hawaii)	Entire	E	1	N/A
Cuckoo-shrike, Mauritius	Coquus (=Coracina) typicus	N/A	Indian Ocean, Mauritius	Entire	E	3	N/A
Cuckoo-shrike, Reunion	Coquus (=Coracina) newtoni	N/A	Indian Ocean: Reunion Island	Entire	E	3	N/A
Curassow, red-billed	Crax blumenbachii	N/A	Brazil	Entire	E	4	N/A
Curassow, Trinidad white-headed	Pipile pipile pipile	N/A	West Indies: Trinidad	Entire	E	3	N/A

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Curlew, Eskimo	Numenius borealis	N/A	Alaska to Argentina	Entire	E	1,3	N/A
Dove, cloven-feathered	Drepanoptila holosericea	N/A	Southwest Pacific Ocean: New Caledonia	Entire	E	4	N/A
Dove, Grenada	Leptotila wellsi	N/A	West Indies: Grenada	Entire	E	4	N/A
Dove, Palau ground	Gallicolumba canifrons	N/A	West Pacific Ocean: USA (Palau Islands)	Entire	E	4	N/A
Duck, Hawaiian (Koloa)	Anas wyvilliana	N/A	USA (Hawaii)	Entire	E	1	N/A
Duck, Laysan	Anas laysanensis	N/A	USA (Hawaii)	Entire	E	1	N/A
Duck, white-winged wood	Cairina scutulata	N/A	India, Burma, Thailand, Malaysia, Indonesia	Entire	E	3	N/A
Eagle, Philippine	Pithecophaga jefferyi	N/A	Philippines	Entire	E	3	N/A
Eagle, Spanish imperial	Aquila heliaca adalberti	N/A	Spain, Morocco, Algeria	Entire	E	4	N/A
Egret, Chinese	Egretta eulophotes	N/A	China, Korea	Entire	E	4	N/A
Falcon, American peregrine	Falco peregrinus anatum	N/A	Canada, USA, Mexico	Entire	E	2,3	N/A
Falcon, Arctic peregrine	Falco peregrinus tundrius	N/A	Alaska to Greenland, south to South America	Entire	E	2,4	N/A
Finch, Laysan (honeycreeper)	Telespyza (=Psittirostra) cantans	N/A	USA (Hawaii)	Entire	E	1	N/A
Finch, Nihoa (honeycreeper)	Telespyza (=Psittirostra) ultima	N/A	USA (Hawaii)	Entire	E	1	N/A
Flycatcher, Euler's	Empidonax euleri johnstonei	N/A	West Indies: Grenada	Entire	E	3	N/A
Flycatcher, Palau fantail	Rhipidura lepida	N/A	West Pacific Ocean: USA (Palau Islands)	Entire	E	4	N/A
Flycatcher, Seychelles paradise	Terpsiphone corvina	N/A	Indian Ocean: Seychelles	Entire	E	4	N/A
Flycatcher, Tahiti	Pomarea nigra nigra	N/A	South Pacific Ocean: Tahiti	Entire	E	3	N/A
Flycatcher, Tinian monarch	Monarcha takatsukasae	N/A	Western Pacific Ocean: USA (Marianas Islands)	Entire	E	3	N/A
Fody, Seychelles (Weaver-finch)	Foudia sechellarum	N/A	Indian Ocean	Entire	E	3	N/A
Gallinule, Hawaiian	Gallinula chloropus sandvicensis	N/A	USA (Hawaii)	Entire	E	1	N/A
Goose, Aleutian Canada	Branta canadensis leucopareia	N/A	Western USA (AK,WA, OR,CA), Japan	Entire	E	1,4	N/A
Goose, Hawaiian (Nene)	Branta sandvicensis	N/A	USA (Hawaii)	Entire	E	1	N/A
Goshawk, Christmas Island	Accipiter fasciatus natalis	N/A	Indian Ocean: Australia (Christmas Island)	Entire	E	3	N/A
Grackle, slender-billed	Cassidix palustris	N/A	Mexico	Entire	E	4	N/A
Grasswren, Eyrean (flycatcher)	Amytornis goyderi	N/A	Australia	Entire	E	4	N/A
Grebe, Atitlan	Podilymbus gigas	N/A	Guatemala	Entire	E	3	N/A
Guan, horned	Oreophasis derbianus	N/A	Guatemala, Mexico	Entire	E	3	N/A
Gull, Audouin's	Larus audouinii	N/A	Mediterranean Sea and adjacent islands	Entire	E	3	N/A
Hawk, Anjouan Island sparrow	Accipiter francesii pusillus	N/A	Indian Ocean: Comoro Islands	Entire	E	3	N/A
Hawk, Galapagos	Buteo galapagoensis	N/A	Ecuador (Galapagos Islands)	Entire	E	3	N/A
Hawk, Hawaiian (Io)	Buteo solitarius	N/A	USA (Hawaii)	Entire	E	1	N/A
Honeycreeper, crested (Akohekohe)	Palmeria dolei	N/A	USA (Hawaii)	Entire	E	1	N/A
Honeyeater, helmeted	Meliphaga cassidix	N/A	Australia	Entire	E	4	N/A
Ibis, Japanese crested	Nipponia nippon	N/A	China, Japan, Korea, Soviet Union	Entire	E	3	N/A
Kagu	Rhynochetos jubatus	N/A	Southwest Pacific Ocean: New Caledonia	Entire	E	3	N/A
Kakapo (owl-parrot)	Strigops habroptilus	N/A	New Zealand	Entire	E	4	N/A
Kestrel, Mauritius	Falco punctatus	N/A	Indian Ocean: Mauritius	Entire	E	3	N/A
Kestrel, Seychelles	Falco araea	N/A	Indian Ocean: Seychelles Islands	Entire	E	3	N/A
Kite, Cuba hook-billed	Chondrohierax wilsonii	N/A	Cuba	Entire	E	4	N/A
Kite, Grenada hook-billed	Chondrohierax uncinatus mirus	N/A	West Indies: Grenada	Entire	E	4	N/A
Kite, Everglade (snail kite)	Rostrhamus sociabilis plumbeus	N/A	USA (Florida)	Entire	E	1	N/A
Kokako (Wattlebird)	Callaeas cinerea	N/A	New Zealand	Entire	E	3	N/A

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Magpie-robin, Seychelles (thrush)	Copsychus sechellarum	N/A	Indian Ocean: Seychelles Islands	Entire	E	3	N/A
Malkoha, red-faced (cuckoo)	Phaenicophaeus pyrrhocephalus	N/A	Sri Lanka	Entire	E	3	N/A
Megapode, La Perouse's	Megapodius Taperouse	N/A	Western Pacific Ocean: USA (Palau Islands, Marianas Islands)	Entire	E	4	N/A
Megapode, Maleo	Macrocephalon maleo	N/A	Indonesia (Celebes)	Entire	F	4	N/A
Millerbird, Nihoa (willow warbler)	Acrocephalus familiaris kingi	N/A	USA (Hawaii)	Entire	E	1	N/A
Nukupuu (honeycreeper)	Hemignathus lucidus	N/A	USA (Hawaii)	Entire	E	2	N/A
Oo, Kauai (Oo Aa) (honeyeater)	Moho Braceatus	N/A	USA (Hawaii)	Entire	E	1	N/A
Ostrich, Arabian	Struthio camelus syriacus	N/A	Jordan, Saudi Arabia	Entire	E	3	N/A
Ostrich, West African	Struthio camelus spatzi	N/A	Spanish Sahara	Entire	E	4	N/A
Ou (honeycreeper)	Psittirostra psittacea	N/A	USA (Hawaii)	Entire	E	1	N/A
Owl, Anjouan scops	Otus rutilus capnodes	N/A	Indian Ocean: Comoro Islands	Entire	E	3	N/A
Owl, Palau	Otus podargina	N/A	Western Pacific Ocean: USA (Palau Islands)	Entire	E	4	N/A
Owl, Seychelles	Otus insularis	N/A	Indian Ocean: Seychelles Islands	Entire	E	3	N/A
Owlet, Mrs. Morden's	Otus irenae	N/A	Kenya	Entire	E	3	N/A
Palila (honey-creeper)	Psittirostra bailleui	N/A	USA (Hawaii)	Entire	E	1	N/A
Parakeet, golden	Aratinga guarouba	N/A	Brazil	Entire	E	4	N/A
Parakeet, golden-shouldered	Psephotus chrysopterygius	N/A	Australia	Entire	E	4	N/A
Parakeet, Mauritius ring-neck	Psittacula krameri echo	N/A	Indian Ocean: Mauritius	Entire	E	4	N/A
Parakeet, ochre-marked	Pyrrhura cruentata	N/A	Brazil	Entire	E	4	N/A
Parakeet, orange-bellied	Neophema chrysogaster	N/A	Australia	Entire	E	4	N/A
Parakeet, paradise	Psephotus pulcherrimus	N/A	Australia	Entire	E	4	N/A
Parakeet, scarlet-chested	Neophema splendida	N/A	Australia	Entire	E	4	N/A
Parakeet, turquoise	Neophema pulchella	N/A	Australia	Entire	E	4	N/A
Parrot, ground	Pezoporus wallicus	N/A	Australia	Entire	E	6	N/A
Parrot, imperial	Amazona imperialis	N/A	West Indies: Dominica	Entire	E	4	N/A
Parrot, Australian night	Geopsittacus occidentalis	N/A	Australia	Entire	E	3	N/A
Parrot, Puerto Rican	Amazona vittata	N/A	USA (Puerto Rico)	Entire	E	1	N/A
Parrot, red-browed	Amazona rhodocorytha	N/A	Brazil	Entire	E	4	N/A
Parrot, St. Lucia	Amazona versicolor	N/A	West Indies: St. Lucia	Entire	E	4	N/A
Parrot, St. Vincent	Amazona guildingii	N/A	West Indies: St. Vincent	Entire	E	3	N/A
Parrot, thick-billed	Rhynchopsitta pachyrhyncha	N/A	Mexico, USA (Arizona, New Mexico)	Mexico	E	3	N/A
Parrotbill, Maui (honeycreeper)	Pseudonestor xanthophrys	N/A	USA (Hawaii)	Entire	E	1	N/A
Pelican, brown	Pelecanus occidentalis	N/A	USA, West Indies, Central and South America: Coastal	Entire	E	2,4	N/A
Penguin, Galapagos	Spheniscus mendiculus	N/A	Ecuador (Galapagos Islands)	Entire	E	2,4	N/A
Petrel, Hawaiian dark-rumped	Pterodroma phaeopygia sandwichensis	N/A	USA (Hawaii)	Entire	E	1	N/A
Pheasant, bar-tailed	Symaticus humiae	N/A	Burma, China	Entire	E	3	N/A
Pheasant, Blyth's tragopan	Tragopan blythii	N/A	Burma, China, India	Entire	E	3	N/A
Pheasant, brown eared	Crossoptilon mantchuricum	N/A	China	Entire	E	3	N/A
Pheasant, Cabot's tragopan	Tragopan caboti	N/A	China	Entire	E	3	N/A
Pheasant, Chinese monal	Lophophorus lhuysii	N/A	China	Entire	E	3	N/A
Pheasant, Edward's	Lophura edwardsi	N/A	Vietnam	Entire	E	3	N/A
Pheasant, imperial	Lophura imperialis	N/A	Vietnam	Entire	E	3	N/A
Pheasant, Mikado	Syrmaticus mikado	N/A	Taiwan	Entire	E	4	N/A
Pheasant, Palawan peacock	Polyplectron emphanum	N/A	Philippines	Entire	E	3	N/A
Pheasant, Sclater's monal	Lophophorus sclateri	N/A	Burma, China, India	Entire	E	3	N/A

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Pheasant, Swinhoe's	Lophura swinhoii	N/A	Taiwan	Entire	E	3	N/A
Pheasant, western tragopan	Tragopan melanocephalus	N/A	India, Pakistan	Entire	E	3	N/A
Pheasant, white eared	Crossoptilon crossoptilon	N/A	China (Tibet), India	Entire	E	4	N/A
Pigeon, Azores wood	Columba palumbus azorica	N/A	East Atlantic Ocean: Portugal (Azores)	Entire	E	3	N/A
Pigeon, Chatham Island	Hemiphaga novaeseelandiae chathamensis	N/A	New Zealand	Entire	E	4	N/A
Pigeon, Puerto Rican plain	Columba inornata wetmorei	N/A	USA (Puerto Rico)	Entire	E	2	N/A
Plover, New Zealand Shore	Thinornis novaseelandiae	N/A	New Zealand	Entire	E	4	N/A
Prairie chicken, Attwater's greater	Tympanuchus cupido attwateri	N/A	USA (Texas)	Entire	E	1	N/A
Rail, Aukland Island	Rallus pectoralis muelleri	N/A	New Zealand	Entire	E	3	N/A
Rail, California clapper	Rallus longirostris obsoletus	N/A	USA (California)	Entire	E	2	N/A
Rail, light-footed clapper	Rallus longirostris levipes	N/A	USA (California), Mexico (Baja Calif.)	Entire	E	2	N/A
Rail, Yuma clapper	Rallus longirostris yumanensis	N/A	Mexico (Sonora), USA (Arizona, California)	Entire	E	1	N/A
Rhea, Darwin's	Pterocnemia pennata	N/A	Argentina, Bolivia, Peru, Uruguay	Entire	E	4	N/A
Robin, Chatham Island	Petroica traversi ultima	N/A	New Zealand	Entire	E	4	N/A
Robin, scarlet-breasted (flycatcher)	Petroica multicolor multicolor	N/A	Australia (Norfolk Island)	Entire	E	3	N/A
Rockfowl, grey-necked	Picathartes oreas	N/A	Cameron	Entire	E	3	N/A
Rockfowl, white-necked	Picathartes gymnocephalus	N/A	Africa: Togo to Sierra Leone	Entire	E	3	N/A
Roller, long-tailed ground	Uratelornis chimaera	N/A	Malagasy Republic (Madagascar)	Entire	E	4	N/A
Scrub-bird, noisy	Atrichornis clamosus	N/A	Australia	Entire	E	3	N/A
Shama, Cebu black (thrush)	Copsychus niger cebuensis	N/A	Philippines	Entire	E	3	N/A
Sparrow, Cape Sable	Ammospiza maritima mirabilis	N/A	USA (Florida)	Entire	E	1	N/A
Sparrow, dusky seaside	Ammospiza maritima nigrescens	N/A	USA (Florida)	Entire	E	1	N/A
Sparrow, Santa Barbara song	Melospiza melodia graminea	N/A	USA (California)	Entire	E	6	N/A
Starling, Ponape mountain	Aplonis pelzelni	N/A	Western Pacific Ocean: USA (Caroline Islands)	Entire	E	4	N/A
Starling, Rothchild's (Myna)	Leucopsar rothschildi	N/A	Indonesia (Bali)	Entire	E	4	N/A
Stilt, Hawaiian	Himantopus himantopus knudseni	N/A	USA (Hawaii)	Entire	E	2	N/A
Stork, oriental white	Ciconia ciconia boyciana	N/A	China, Japan, Korea, Soviet Union	Entire	E	4	N/A
Tern, California least	Sterna albifrons browni	N/A	Mexico, USA (California)	Entire	E	2,4	N/A
Thrasher, white-breasted	Ramphocinclus brachyurus	N/A	West Indies: Martinique, St. Lucia	Entire	E	3	N/A
Thrush, large Kauai	Phaeornis obscurus myadestina	N/A	USA (Hawaii)	Entire	E	2	N/A
Thrush, Molokai (Olomau)	Phaeornis obscurus rutha	N/A	USA (Hawaii)	Entire	E	2	N/A
Thrush, New Zealand (wattlebird)	Turnagra capensis	N/A	New Zealand	Entire	E	3	N/A
Thrush, small Kauai (Puaiohi)	Phaeornis palmeri	N/A	USA (Hawaii)	Entire	E	1	N/A
Trembler, Martinique brown (thrasher)	Cinclocerthia ruficauda gutturalis	N/A	West Indies: Martinique	Entire	E	3	N/A
Wanderer, plain	Pedionomus torquatus	N/A	Australia	Entire	E	6	N/A
Warbler (wood), Bachman's	Vermivora bachmanii	N/A	Cuba, USA (Southeastern)	Entire	E	1,4	N/A
Warbler (wood), Barbados yellow	Dendroica petechia petechia	N/A	West Indies: Barbados	Entire	E	4	N/A
Warbler (wood), Kirtland's	Dendroica kirtlandii	N/A	USA, West Indies: Bahama Islands	Entire	E	1,4	N/A
Warbler, reed	Acrocephalus luscinia	N/A	Western Pacific Ocean: Marianas Islands	Entire	E	3	N/A
Warbler, Rodrigues	Bebrornis rodericanus	N/A	Mauritius (Rodrigues Island)	Entire	E	3	N/A
Warbler, Semper's	Leucopeza semperi	N/A	West Indies: St. Lucia	Entire	E	3	N/A

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Warbler, Seychelles	Bebrornis sechellensis	N/A	Indian Ocean: Seychelles Island	Entire	E	3	N/A
Whipbird, Western	Psophodes nigrogularis	N/A	Australia	Entire	E	4	N/A
Whip-poor-will, Puerto Rican	Caprimulgus noctitherus	N/A	USA (Puerto Rico)	Entire	E	6	N/A
White-eye, Ponape great	Rukia sanfordi	N/A	Western Pacific Ocean: USA (Caroline Islands)	Entire	E	4	N/A
White-eye, Seychelles	Zosterops modesta	N/A	Indian Ocean: Seychelles	Entire	E	4	N/A
Woodpecker, imperial	Campephilus imperialis	N/A	Mexico	Entire	E	3	N/A
Woodpecker, ivory billed	Campephilus principalis	N/A	Cuba, USA (South-central and south-eastern)	Entire	E	1,3	N/A
Woodpecker, red-cockaded	Picoides (=Dendrocopos) borealis	N/A	USA (Southcentral and Southeastern)	Entire	E	3	N/A
Woodpecker, Tristam's	Dryocopus javensis richardsi	N/A	Korea	Entire	E	3	N/A
Wren, Guadeloupe house	Troglodytes aedon guadeloupensis	N/A	West Indies: Guadeloupe	Entire	E	3	N/A
Wren, St. Lucia house	Troglodytes aedon mesoleucus	N/A	West Indies: St. Lucia	Entire	E	3	N/A
REPTILES:							
Boa, Jamaican	Epicrates subflavus	N/A	Jamaica	Entire	E	4	N/A
Boa, Puerto Rico	Epicrates inornatus	N/A	USA (Puerto Rico)	Entire	E	2	N/A
Crocodile, Cuban	Crocodylus rhombifer	N/A	Cuba	Entire	E	3	N/A
Crocodile, Morelet's	Crocodylus moreletii	N/A	Mexico, Belize, Guatemala	Entire	E	4	N/A
Crocodile, Nile	Crocodylus niloticus	N/A	Africa	Entire	E	4	N/A
Crocodile, Orinoco	Crocodylus intermedius	N/A	South America: Orinoco River Basin	Entire	E	4	N/A
Gavial (Gharial)	Gavialus gangeticus	N/A	Pakistan, India, Burma, Bangladesh	Entire	E	4	N/A
Gecko, day	Phelsuma newtoni	N/A	Mauritius	Entire	E	4	N/A
Gecko, Round Island day	Phelsuma guentheri	N/A	Mauritius	Entire	E	4	N/A
Iguana, Anegada ground	Cyclura pinguis	N/A	West Indies: Virgin Islands (Anegada Island)	Entire	E	3	N/A
Iguana, Barrington land	Conolophus pallidus	N/A	Ecuador: Galapagos Islands	Entire	E	4	N/A
Lizard, blunt-nosed leopard	Crotaphytus silus	N/A	USA (California)	Entire	E	1	N/A
Snake, San Francisco garter	Thamnophis sirtalis tetrataenia	N/A	USA (California)	Entire	E	1	N/A
Terrapin, river (Tuntong)	Batagur baska	N/A	Burma, India, Indonesia, Malaysia, Bangladesh	Entire	E	4	N/A
Tortoise, Galapagos	Geochelone elephantopus	N/A	Ecuador: Galapagos Islands	Entire	E	4	N/A
Tortoise, Madagascar radiated	Geochelone radiata	N/A	Malagasy Republic (Madagascar)	Entire	E	4	N/A
Tortoise, short-necked or swamp	Pseudemydura umbrina	N/A	Australia	Entire	E	4	N/A
Tuatara	Sphenodon punctatus	N/A	New Zealand	Entire	E	4	N/A
Turtle, aquatic box	Terrapene coahuila	N/A	Mexico	Entire	E	6	N/A
Turtle, hawksbill sea	Eretmochelys imbricata	N/A	Tropical Seas	Entire	E	3	N/A
Turtle, Kemp's (Atlantic) Ridley sea	Lepidochelys kempii	N/A	Tropical & Temperate Seas	Entire	E	4	N/A
Turtle, leather-back sea	Dermochelys coriacea	N/A	Tropical and Temperate Seas	Entire	E	3	N/A
Turtle, South American	Podocnemis expansa	N/A	South America: Orinoco and Amazon River basins	Entire	E	3	N/A
Turtle, South American	Podocnemis unifilis	N/A	South America: Orinoco and Amazon River basins	Entire	E	4	N/A
Yacare (Caiman)	Caiman yacare	N/A	Bolivia, Peru, Argentina, Brazil	Entire	E	3	N/A

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AMPHIBIANS:							
Frog, Israel painted	Discoglossus nigriventer	N/A	Israel	Entire	E	4	N/A
Frog, Stephen Island	Leiopelma hamiltoni	N/A	New Zealand	Entire	E	4	N/A
Salamander, desert slender	Batrachoseps aridus	N/A	USA (California)	Entire	E	6	N/A
Salamander, Santa Cruz long-toed	Ambystoma macrodactylum croceum	N/A	USA (California)	Entire	E	1	N/A
Salamander, Texas blind	Typhlomolge rathbuni	N/A	USA (Texas)	Entire	E	1	N/A
Toad, Houston	Bufo houstonensis	N/A	USA (Texas)	Entire	E	2	N/A
FISHES:							
Ala Balik	Salmo platycephalus	N/A	Turkey	Entire	E	3	N/A
Ayumodoki	Hymenophysa curta	N/A	Japan	Entire	E	3	N/A
Blindcat, Mexican	Prietella phreatophila	N/A	Mexico	Entire	E	3	N/A
Bonytail, Pahranagat	Gila robusta jordani	N/A	USA (Nevada)	Entire	E	2	N/A
Catfish	Pangasius sanitwongsei	N/A	Thailand	Entire	E	3	N/A
Catfish, giant	Pangasianodon gigas	N/A	Thailand	Entire	E	3	N/
Chub, humpback	Gila cypha	N/A	USA (AZ,UT,WY)	Entire	E	1	N/A
Chub, Mohave	Gila mohavensis	N/A	USA (California)	Entire	E	2	N/A
Cicek	Acanthorutilus handlirschi	N/A	Turkey	Entire	E	3	N/A
Cisco, longjaw	Coregonus alpenae	N/A	USA (Lakes Michigan, Huron and Erie)	Entire	E	1	N/A
Cui-ui	Chasmistes cujus	N/A	USA (Nevada)	Entire	E	1	N/A
Dace, Kendall Warm Springs	Rhinichthys osculus thermalis	N/A	USA (Wyoming)	Entire	E	2	N/A
Dace, Moapa	Moapa coriacea	N/A	USA (Nevada)	Entire	E	1	N/A
Darter, fountain	Etheostoma fonticola	N/A	USA (Texas)	Entire	E	2	N/A
Darter, Maryland	Etheostoma sellare	N/A	USA (Maryland)	Entire	E	1	N/A
Darter, Okaloosa	Etheostoma okaloosae	N/A	USA (Florida)	Entire	E	6	N/A
Darter, watercress	Etheostoma nuchale	N/A	USA (Alabama)	Entire	E	2	N/A
Gambusia, Big Bend	Gambusia gaigei	N/A	USA (Texas)	Entire	E	1	N/A
Gambusia, Clear Creek	Gambusia heterochir	N/A	USA (Texas)	Entire	E	1	N/A
Gambusia, Pecos	Gambusia nobilis	N/A	USA (Texas)	Entire	E	2	N/A
Killifish, Pahrump	Empetrichythys latos	N/A	USA (Nevada)	Entire	E	1	N/A
Nekogigi	Coreobagrus ichikawai	N/A	Japan	Entire	E	3	N/A
Pike, blue	Stizostedion vitreum glaucum	N/A	USA (Lakes Erie and Ontario)	Entire	E	1	N/A
Pupfish, Comanche Springs	Cyprinodon elegans	N/A	USA (Texas)	Entire	E	1	N/A
Pupfish, Devil's Hole	Cyprinodon diabolis	N/A	USA (Nevada)	Entire	E	1	N/A
Pupfish, Owens River	Cyprinodon radiosus	N/A	USA (California)	Entire	E	1	N/A
Pupfish, Tecopa	Cyprinodon nevadensis calidae	N/A	USA (California)	Entire	E	2	N/A
Pupfish, Warm Springs	Cyprinodon nevadensis pectoralis	N/A	USA (Nevada)	Entire	E	2	N/A
Squawfish, Colorado River	Ptychocheilus lucius	N/A	USA (AZ, CA, CO, NM, NV VT, WY)	Entire	E	1	N/A
Stickleback, unarmored three-spine	Gasterosterus aculeatus williamsonii	N/A	USA (California)	Entire	E	2	N/A
Sturgeon, shortnose	Acipenser brevirostrum	N/A	USA (Atlantic Coast of US and Canada)	Entire	E	1	N/A
Tango, Miyako	Tanakia tanago	N/A	Japan	Entire	E	3	N/A
Topminnow, Gila	Poeciliopsis occidentalis	N/A	USA (Arizona), Mexico	Entire	E	1	N/A
Trout, Gila	Salmo gilae	N/A	USA (New Mexico)	Entire	E	1	N/A
Woundfin	Plagopterus argentissimus	N/A	USA (Arizona, Nevada, Utah)	Entire	E	2	N/A
SNAILS:							
Snail, Manus Island tree	Papustyla pulcherrima	N/A	Admiralty Islands (Manus Islands)	Entire	E	4	N/A

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1—32 FR 4001; March 11, 1967
2—35 FR 16047; October 13, 1970
3—35 FR 8495; June 2, 1970
4—35 FR 18320; December 2, 1972
5—37 FR 6476; March 30, 1972
6—38 FR 14678; June 4, 1973
7—39 FR 44991; December 30, 1974

Dated: May 7, 1979.

F. Eugene Hester,

Acting Director, U.S. Fish and Wildlife Service.

[FR Doc. 79-15498 Filed 5-18-79; 8:45 am]

BILLING CODE 4310-55-M